

The DX Bulletin

• America's Oldest Weekly Amateur Radio Publication •

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SIXTH ANNIVERSARY ISSUE

PROPAGATION: Aug 19-22, Low-Normal; Aug 23, Below Normal; Aug 24, Low Normal; Aug 25, High/Above Normal; Aug 26, High Normal; AUG 27, Below Normal/Disturbed; Aug 28, 29, Low Normal; Aug 30-Sept 2, High Normal. TNX N4XX.

Flux (80)	Flux (81)	Flux (82)	Flux (83)	Flux (84)	Date	Flux -----1985-----	A	K
155	145	207	137	91	8/9	73	5	2
169	177	204	139	92	8/10	71	14	2
179	199	202	148	93	8/11	67	7	2
185	188	191	147	88	8/12	68	18	5
190	203	181	155	86	8/13	67	35	3
192	203	172	144	84	8/14	68	20	2
187	219	165	139	82	8/15	67	15	3

In our July 19 issue, we mentioned that KH6BZF Reports noted the possibility of a 27.5-day cycle developing (based on conditions and solar flux in June and July) and we said "it might pay to look at the bands around Aug 8-12 or so."

As you can see in Bandpass, the good conditions started on Aug 6 and lasted through the 9th or 10th. So if there is a pattern occurring here, look for the first week of September to be excellent on 20 Meters; Note that the N4XX prediction is for High Normal starting Aug 30.

Incidentally, there was no mini-peak in solar flux Aug 6-10, as there was during the June and July periods; in fact, Ed Tilton, W1HDQ, notes that the solar flux of 67 on three days last week was the lowest recorded since July, 1976. We remember that month well...we rushed home from the Montreal Olympics to operate in the Bicentennial Celebration.

This editor's report of that operating event is on page 90 of QST for December, 1976; take a look at the band/QSO breakdowns for the top scorers and compare them to the state of the bands today.

• Only word in a long time of XU1SS is that they were worked in Japan May 25 on 20 SSB, operator Kimsan.

• DX Family News Letter (JH1KRC, editor) reports that Saifud Shahid, president of the Bangladesh Amateur Radio League, has been in the U.K. for nearly a year. He passed (says DXFNL) the British license examination and hopes to be on the air from his home in Middlesex "and possibly from his home country in the future."

• TDXB Survey results are almost ready for publication; we know the Top 20, and our predictions were correct for 19 of them. VP8 S. Sandwich made it, C9 Mozambique didn't. Of the 1985 Top 20, the only one active is S9 Sao Tome.

HEARD ISLAND

We phoned the Heard Island Chamber of Commerce to inquire about the weather there in September. "Bloody awful", the nice lady on the other end replied. "It's the end of winter and the birds have gone to Tahiti. Even the penguins find a rock to crawl under. But we can make you an attractive deal on a tent."

So when we said last week we were certain it is impossible to land on Heard in September, we may have been right, depending on your definition of "land." Apparently the seas aren't too bad, but the wind and snow on the island are brutal.

Well, Jim Smith is trying to go to Heard, again, next month. He has formally requested the Australian government to allow Kirsti and him to be part of a scientific expedition. The government wants to send a team to study the volcanic action at Big Ben, which has erupted twice this year, once in February and again in July. Jim says he heard of the latest eruption from FT8XB over on Kerguelen, and passed the word to the Australian Antarctic Division.

The planned expedition would drop four people on Heard and leave them there for one month, while the ship and crew do some sonar plotting and bio-scientific work in the area.

"This is a very unusual time to go to Heard." - Jim Smith.

Expected departure is mid- to late-September, and P29JS promised to telephone us with word of approval of his application, if it comes. He and Kirsti plan to sign VKOWS and VKONL, if they make it to Heard.

• New Christmas Islander VK9XJ has a TS430 and log periodic, puts a fair signal into North America. Says he hates breakers, pileups, and tail-ending. VK9XJ had, as of last week, worked only a few North Americans, but he promises to "start looking" each morning, on 20 SSB, 1200-1300Z.

• Karl Renz, K4YT, writes from Indonesia (Aug 3) that he had just put K3ZO on a flight back to Washington; Fred spent two weeks vacation in Manila and operated as K4YT/DU1 while there. Karl reports working plenty of BY stations, and he talked to VE3OMC/BY1QH while he was in Beijing in July. Another Canadian ham, with the embassy in Washington, has applied for a position at the Canadian embassy in China.

K4YT will be in Indonesia about now, and in 3D2 Fiji, and Australia in September. He hopes to operate from Taiwan in October.

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● ARRL DX Advisory Committee member W4VQ writes to say he "disagrees with your editorial in Issue 298" ('Why the Board was Right' - ed). "K6SSJ was trying," writes W4VQ, "to wrap up the Pribilof thing, which is now over two years old. If the Advisory Committee had advised their directors, then everyone would have known the story. Some DXAC members are not in touch with their directors - the resulting ignorance of the situation led to confusion and the tabling of the motion."

● Bob Esquire, W9UI/DA2ER, says they had a great Sporadic E season there in central Europe (ours stunk - ed). DA2ER's wife Traudel, DF6IT, managed to get up to a hundred countries on 28 MHz thanks to the E Skip. Bob played 2 Meters and worked, among others, RA3YCR, about 2,000 kilometers distant. DA2ER only runs 150 watts to an F9FT but says his QTH, at 410M ASL, "helps."

● Next time we publish the all-time band/counties list, we will be adding some figures from a chart which appeared in a recent edition of RSGB's Radio Communication magazine. We would like to have numbers from many more of you readers, too!

● Tom Gregory, with the State Department in S. Africa, has been issued the first reciprocal license...ZS6USA. Tom says he would be glad to assist anyone visiting S. Africa in getting a license, and to write to him at AmEmbassy, Pretoria, US Dept. of State, Washington DC 20520.

Tom vacationed in Japan and Hong Kong recently, and visited the ICOM factory, where he got a tour. Tom says the place to buy radios is Delta Radio on Moody Road in Kowloon, Hong Kong. U.S. cash dollars.

And, N4NW/ZS6USA once again has his ear to the ground regarding next year's Marion Island assignments and who, if anyone, will be the amateur radio operator.

PETER I ISLAND

More word from Japan's DXFNL, this time regarding Peter I Island; recall that it has been "pre-approved" for DXCC but will not be added to the List until an operation takes place; an "operation" could be defined as one contact.

We had reported last winter that rumors from Japan were circulating that someone would be landing on Peter I with a pre-arranged list of stations to work...DXFNL reports that a krill fishing expedition is being planned with a December departure "90 per cent probable."

One operator, Jin Fujiwara, JF1IST, would be on board; he does not work CW. The operator would have to "drive an inflatable rubber boat from the krill boat to the shore of Peter I, then climb up the rocky cliff." After the operation, all equipment and antennas would have to be thrown into the ocean, per requirements of the Norwegian government.

The krill boat would wait 24 hours for the operator to return. But the entire voyage would last four months.

MORE POWER TO YOU

An editorial in the National Contest Journal by Dave Pruett, K8CC, has revived the debate over big linears. This is much more of a concern to contesters than it is to DXers...if someone you know is running 5 KW and beats you in a pileup, the pain only lasts a minute or so. On the other hand, if you operate a 48-hour contest and get beat by a few per cent by someone running an Alpha 77SX or the like, it's a much more serious matter (many contesters can speak from personal experience).

JH1KRC, writing in a recent DX Family News Letter notes that during Japan's summer season the temperature hovers around 25C, with extreme humidity, straining amplifiers and computers. Mike calls this the "heat endurance run," and says "many of the U.S. kilowatts get troubles in this season in Japan, mostly in the high voltage power supply and plate circuit."

JH1KRC continues "if the U.S. government's Committee of Trade pushes and lets Japanese Telecom change its mind in order to allow the same output power as U.S. amateurs now have (1.5 KW PEP output), thousands of JA DX guys will surely buy thousands of KW linears from the U.S. Of course, this gear should be made and tested in the subtropic area in Florida or somewhere, so that JA boys will not complain about the weakness of U.S. KW linears."

"Already," says JH1KRC, "thousands of JA big guns need rewriting of the regulation of the output power (now only 500 watts PEP out). The remarkable thing is that these JA big guns usually import and use Collins commercial gear like the old-fashioned 208 series (they are charming!). Such junk requires severe maintenance."

KH6CC 1838	0515 11 CO	4K1C 7009	1131 8 AL
9M2RT 3796	1320 5 CA	4K1ZZ 7003	1108 8 AL
CYOSAB 3789	1026 15 MA	4K1ZZ 7003	1120 7 MN
CY1 (VE3FXT)		4K1ZZ 7004	1110 8 MN
JA1FRE 3799	0915 7 NH	4K1ZZ 7006	1127 12 MN
KH2/KB6DAW 3791	1321 10 CA	4X6NM 7029	0330 11 GA
VK9L/VK2BCH 3798	1300 11 CA	4Z1A 7029	0333 11 GA
VK9ZB 3798	1130 11 CO	9M2PV 7001	1340 9 OR
YB3KK 3795	1315 8 CA	CE0ZIG 7001	0330 13 CO
ZS1GT 3795	0540 11 CO	CE0ZIG 7011	0900 10 GA
FG7AM 10107	1022 16 MA	CM7MF 7024	0046 11 FL
7P8CI 21250	1502 4 MD	CO2PX 7059	0930 10 GA
CX8BBH 21027	1700 10 MA	CYOSAB 7185	1032 15 MA
T32AB 21239	0300 4 AL	FK8FG 7009	1058 12 AL
		FM5BH 7019	1103 8 AL
		H44IA 7003	1058 9 AL
		H44IA 7004	1058 9 MN
		H44IA 7006	1123 12 AL
		H44IA 7007	1204 8 MN
		OY2J 7001	0124 12 MA
		PZ1DV 7002	0159 12 MA
		RF0FWW 7006	0158 10 FL
		T47RM 7009	0133 7 AL
		UI8HA 7003	1440 9 OR
		V85AC 7005	1440 12 OR
		VI4XA 7019	1106 10 FL
		VK9ZB 7189	1200 11 CO
		VK9ZB 7193	1055 9 OR
		VS6DO 7006	1300 12 OR
		VU2DVP 7089	0112 12 MA

CONTRIBUTORS

KAlBU, K1KTb, K3RR,
W8CT, WD5AAM, N6ADK,
WB4VKW, W1CYB, K6IR,
W0IJR, KA0CDN, KR1G,
WA8JOC, W4ZFE, K0CVD,
KD7SO, N2KK, N4NO,
K4BAI, KAlXN, DA2ER,
W4VQ, N4NW, K4YT, KC0D,
K9RHY, DK1RV, W3FU,
W3EVW, W1WY, K20LG.

KEY TO BANDPASS

CALLSIGN, FREQUENCY,
UTC, DAY OF MONTH,
STATE.

The 20-Meter Bandpass in this issue is listed in order by time; please let us know if you like that, or if there is some way you'd like it listed other than by callsign or by time.

EA8MJ 14008 0010 8 AL
HI3JL 14025 0015 8 GA
HI3JL 14025 0015 8 GA
9Y4TR 14029 0021 8 GA
EA8/DK7AH 14025 0022 13 FL
CN8LA 14197 0025 8 MN
CE6GEY 14017 0030 13 FL
7X2LS 14203 0030 6 CO
EA9NP 14190 0033 8 MI
HK3ANR 14055 0038 11 GA
8P6QY 14050 0038 8 GA

ZP5HF 14187 0100 13 MA
UM8ML 14012 0100 7 OR
EA7TK 14227 0100 8 CA
UL8GWB 14013 0100 9 PA
UL8GWW 14017 0110 7 FL
EA8/G6ZY 14024 0114 11 GA

JA1NG 14016 0118 8 MI
CG9ASJ 14022 0121 9 MI
KH6JHO 14186 0125 10 VA
UL7BW 14008 0126 7 FL

UL7BB 14018 0130 7 FL
VU2BK 14032 0134 7 FL
UL7PEI 14020 0135 5 MI
OX3UD 14041 0136 7 FL
OX3UD 14040 0137 7 MI
J88AY 14022 0138 8 MI
VU2ISV 14030 0139 12 FL
RL7GM 14010 0139 7 FL
VU2CK 14186 0140 9 PA
UI8ADJ 14019 0141 8 MN
EU7L 14016 0142 8 MN
VU2ISV 14024 0142 8 MN

UL7BW 14009 0145 9 PA
UL8GWW 14029 0148 7 AL
7X2LS 14204 0150 6 MI
7X2LS 14182 0150 8 MN
VP2MDY 14027 0152 9 GA

7X2LS 14182 0200 8 OR
UL8LWO 14012 0200 9 OR
UM8MBA 14013 0201 10 MN
UM8MK 14188 0203 5 TX
UM8MBA 14028 0203 8 MI
VU2DVP 14194 0214 10 MN
UL8LWO 14011 0224 9 GA
UD6DKW 14019 0230 6 PA
UL7IBN 14022 0230 9 OR
ZL1ON 14245 0231 11 NH
PZ1DV 14030 0232 13 GA
VU2CK 14168 0233 8 MD
UL8LWO 14011 0235 9 MI
VR6JR 14215 0242 6 MD
T32AB 14156 0247 5 MD
CN8EA 14218 0250 6 TX

UA9NS 14192 0255 6 TX
RL7JA 14018 0255 7 OR
UI8ZAC 14193 0255 9 OR
JY4MB 14198 0257 6 TX
VU2JNX 14006 0300 6 PA
RA4HC 14186 0300 7 CA
5W1DZ 14309 0302 10 MN
(RARE OBL)

UA6IA 14020 0310 12 OR
UH8EWW 14193 0310 7 PA
FK8EJ 14015 0318 4 MI
FO8NA 14309 0320 8 MN
5B4/YU1FW 14175 0328 8 CA

A35SA 14188 0329 4 MD
5B4OA 14175 0329 8 CA
4S7NMR 14013 0330 6 PA
UF6AW 14020 0330 8 OR
T32AN 14220 0332 11 MN
A92DK 14228 0334 8 MD
VY1CC 14208 0335 7 CO
YJ8RG 14309 0337 12 MN

4Z4UW 14012 0340 6 PA
RL7JA 14016 0340 6 PA
ENOAFS 14032 0350 13 CO

A4XRS 14187 0350 9 CO
VK2AMB 14020 0351 6 MI
KC6JA 14309 0355 11 MN
ZK1RE 14237 0355 7 MN
VK0GC 14309 0400 6 PA
ZK1RE 14309 0402 11 MN
ZC4MR 14227 0402 6 PA
VK9NS 14026 0410 13 CO

A35QS 14188 0414 7 CA
VK9ZB 14220 0415 11 MN
4K1C 14007 0420 12 OR
VK9ZB 14216 0424 11 MN
4Z4UW 14023 0425 9 OR

UZ4HWS 14201 0428 8 CA
UO5PK 14229 0430 10 OR
5B4/YU1FW 14175 0438 8 OR

5B4OA 14175 0440 8 OR
FR5DX 14191 0444 8 CA
OHOMA 14187 0445 6 CO
YO3AC 14191 0450 6 CO
SV0DH/5 14185 0450 8 OR

VK9ZB 14216 0500 11 CO
FK8FE 14042 0500 12 OR
4X6KF 14202 0500 8 OR
SV1DO 14006 0502 12 OR
YJ8RG 14309 0536 7 AL

(OBL 111)
UZ0DWB 14023 0555 8 OR
P29MO 14184 1050 7 VA

KH2/KB6DAW 14202 1105 7 VA

P29JS 14193 1115 7 VA
4K1C 7010 1116 8 MN

P29JS 14025 1130 6 PA
YB2BNJ 14029 1130 9 PA
UA9OWA 14205 1135 10 VA
HL1IF 14036 1136 6 PA
OX3FB 14029 1136 8 MN
OX3UD 14040 1136 9 GA
FT8XB 14031 1137 6 PA
FM5WO 14029 1137 8 MN
OY2J 14022 1138 8 MN
OX3UD 14040 1139 6 PA
DU1DBT 14191 1141 6 TX
OH0BH 14030 1143 10 FL
DU1DBT 14210 1143 7 MN
BY1SK 14024 1144 7 MN

OX3HB 14021 1145 7 PA
UL8LWA 14234 1145 8 PA
P29MO 14182 1150 7 PA
CX8BBH 14007 1151 10 FL
CT2AC 14062 1152 7 GA
BY1SK 14023 1154 7 PA
VS5MS 14200 1155 7 VA

BV2B 14175 1200 6 VA
YB2BNJ 14018 1202 6 AL
FM5DJ 14033 1209 7 GA
HL1IFD 14192 1210 11 VA
HL1AQ 14015 1210 7 PA
OX3HB 14039 1212 7 GA
OX3HB 14026 1213 6 AL
UL8JM 14032 1213 7 PA
DU9RG 14182 1213 8 MN
DU7/K2BDY 14234 1214 6 PA
9N1MM 14324 1214 6 PA
9V1WK 14190 1214 9 MN

KG6RN/KH2 14200 1215 7 VA
UL8JWA 14037 1218 9 MN
UL8LWA 14225 1219 6 PA
HK1DBO 14039 1219 7 GA
VK9XZ 14175 1220 5 MD
HL9TW 14177 1220 7 PA
UL8JWA 14030 1221 6 AL
KH2/KSOC 14205 1221 6 PA
HL1CO 14200 1222 5 MD
UL8LWA 14213 1225 7 PA
VK9XG 14271 1226 8 AL
BY1SK 14200 1226 9 MN
FM5BZ 14055 1227 11 GA
YB3CEV 14197 1227 9 MN

DU1DBT 14186 1230 6 VA
DU1/G4DUW 14031 1231 6 AL
V85HG 14184 1233 8 AL
YB0ARC 14205 1240 6 MD
DU1AU 14155 1240 7 VA
EA8AGD 14029 1244 11 GA
ZS6ODZ 14173 1245 6 VA
VK9XJ 14165 1245 8 PA
V85MS 14201 1248 7 MD
BV2B 14196 1249 5 MD
UZ2FWA 14014 1302 10 AL
OH0BH 14024 1314 10 AL
UM8MO 14020 1317 11 GA
V85HG 14185 1320 7 OR
P29FG 14180 1325 7 OR
DU7/N7ET 14033 1328 5 AL

YB3BHU 14177 1330 7 OR
BY1SK 14200 1330 9 VA
JA7GBS 14005 1333 7 MI
UL7BAV 14047 1350 7 OR
IS0IGV 14022 1355 9 OR
OH0BH 14027 1400 11 CO
9M2RT 14180 1405 10 MN
9M2HB 14227 1415 11 MN
xolaa 14171 1417 10 ma
9M2HB 14227 1419 10 MN
9M2FZ 14182 1425 11 CO
UI8AFD 14025 1435 7 OR
VU2JCX 14041 1445 8 OR
A92EM 14026 1445 9 OR
4U1ITU 14022 1450 7 OR
UD6DC 14022 1455 7 OR

YB4FW 14202 1503 8 CA
UF6DA 14045 1506 10 GA
UD6KZA (OBL 3) 1510
9M2HB 14215 1510 11 CO
UD6KZ 14025 1510 7 OR
UI8IF 14025 1515 9 OR
OX/HB9ASJ 14022 1519 10 MN
RF0FWW 14026 1523 10 GA

GJ2LU 14025 1530 7 OR
4Z1A 14032 1535 10 GA
VU2GI 14233 1539 8 CA
C31LBB 14020 1550 9 OR
EA7TH/8 14028 1628 10 GA
EA9CE 14025 1634 11 GA
UH8EA 14044 1636 10 GA
EA8AOF 14059 1715 10 GA
OH0BH 14031 1717 11 MN
V44KAC 14192 1750 7 VA

TZ6FS 14157 1800 9 VA
YI1BGD 14211 1852 4 MD
5X5GK 14183 1928 11 MN
ZD7XY 14183 1941 12 MN
4X6DX 14198 2010 9 VA
EA6/G6ZY 14028 2031 10 AL
VE8RCS 14004 2040 6 OR
T77C 14024 2045 7 PA
S92LB 14183 2050 12 MN
A4XKD 14174 2050 9 VA
VP9DR 14005 2052 12 FL
9H1HV 14045 2057 7 FL
TA1E 14227 2100 8 AL
T77C 14024 2105 8 MN
T77C 14025 2109 7 FL
S92LB 14188 2110 6 VA
CP5EZ 14020 2110 7 FL
(MADEIRA CT3)

CR9SI 14190 2115 10 NH
GU4WRP 14059 2116 11 GA
TF/AI5P 14227 2128 8 MN
HP1AC 14037 2131 11 FL
IS0ATP 14051 2132 11 GA
KH2/KB6DAW 14220 2134 12 MN
7X2LS 14225 2144 10 NH
ZC4MR 14225 2145 10 NH
TA1E 14227 2157 10 NH
TZ6FE 14160 2159 4 MD
EA6/G6ZY 14028 2206 10 FL
TG9VT 14227 2210 8 TX
5N0/JG1FVZ 14019 2218 4 AL
ZC4MR 14236 2223 4 MD
SV0DH/5 14186 2230 11 VA
5N6/KC7UU 14024 2231 8 FL
FM5DD 14021 2236 8 FL
HH2VP 14026 2237 12 FL
GD0/W0JF 14019 2238 12 FL
TK/HB9ASZ 14016 2246 12 FL
CE3WD 14061 2252 12 FL
OX3HB 14029 2257 12 FL
9Y4TR 14025 2258 12 FL
HH2VP 14027 2314 11 GA
5B4/YU1FW 14187 2315 7 MN
H10A 14047 2319 11 GA
6W8HL 14193 2325 10 MN
VE8GD 14014 2344 9 FL
GD0BCJ 14008 2346 6 AL
5B4OA 14187 2347 7 MD

CALENDAR

ISSUE 300

LORD HOWE
COMOROS
HEARD ISLAND
GALAPAGOS

By VK2BCH Aug 7-28, 160-20 Meters
D68JF no reports in North America
Possible late September; I300
By HC1BI, others next month; W8KKF
looking for operators for an
October expedition

MAURITANIA

5T5SL (9X5SL) reported in EU 14.277
at 1700

BURUNDI
GUINEA-BISSAU
LUXEMBOURG

9U5JW by an unknown W reported 20 SSB
Need reports on J5WAD
PI4HSG/LX now to Aug 26

CHRISTMAS
COCOS
CAYMANS
WALLIS
MALI

VK9XJ on now; I300
VK9YS reported on, no reports
ZF2II by WB5HNZ ends Aug 24
FW8AF there, no reports this week
TZ6FS, WC new stations; I298

E KIRIBATI
KERGUELEN
SAO TOME
NORTH COOKS
CHINA

T32AB is back
FT8XB likes 20 SSB 0400-0600
S92LB on 14.183 2030-2330Z4
ZK1WL by ZL3AFH may stay until Dec
Active stations run-down I294

KURE
WILLIS
CHAD

KH6JEB/KH7 on again, off again **20**
VK9ZB on P29JS 14.220 net at 0700Z
KA4JRY/TT returns end of July; I291
N7DF/TT reportedly canceled
By KC6JC finished

W CAROLINES

PITCAIRN
WAKE
CONTEST
MADEIRA
ST PIERRE

VR6JR on through Sept, mostly 20
AH9AC on now; need reports
All Asia CW Aug 24/25
DJ2BW/CT3 Sept 1-15
FP/W3ESU (CW) and FP/K8CFU (SSB) Sep
11-15, 160 Meters only.

PETER I ISLAND Possible December by JF1IST; I300

THANK YOU

THANKS TO subscribers and to those who
have faithfully contributed information,
making it possible for me to muddle
through 300 issues of TDXB.

That's over 1,200 pages of text.

And over a half-million copies mailed.

THE W6GO/K6HHD LIST
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